NOvA Experiment Status
All Experimenter's Meeting

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Operations – Summary

- ❑ **BEAM:**
  - **Slip stacking 2+6 continues with higher intensity (>400 kW).**

- ❑ **NearDet:**
  - **Running well. Made tests with powering down HV and study of effects on noisiness of some channels.**

- ❑ **FarDet:**
  - **Unplanned beam shutdown used to study DAQ behavior in dependence how many buffer nodes and/or dcms are used in.**
  - **Frequency of the short DAQ downtimes less, the mysterious one dismissed at all.**
  - *After the week deadline we faced the thunderstorm knocked out FarDet and the recovery took more 12h with many issues.*

- ❑ **Control Room(s): We used only 1 shifter on duty even if in one of the remote control rooms.**

FD: Data taking Uptime
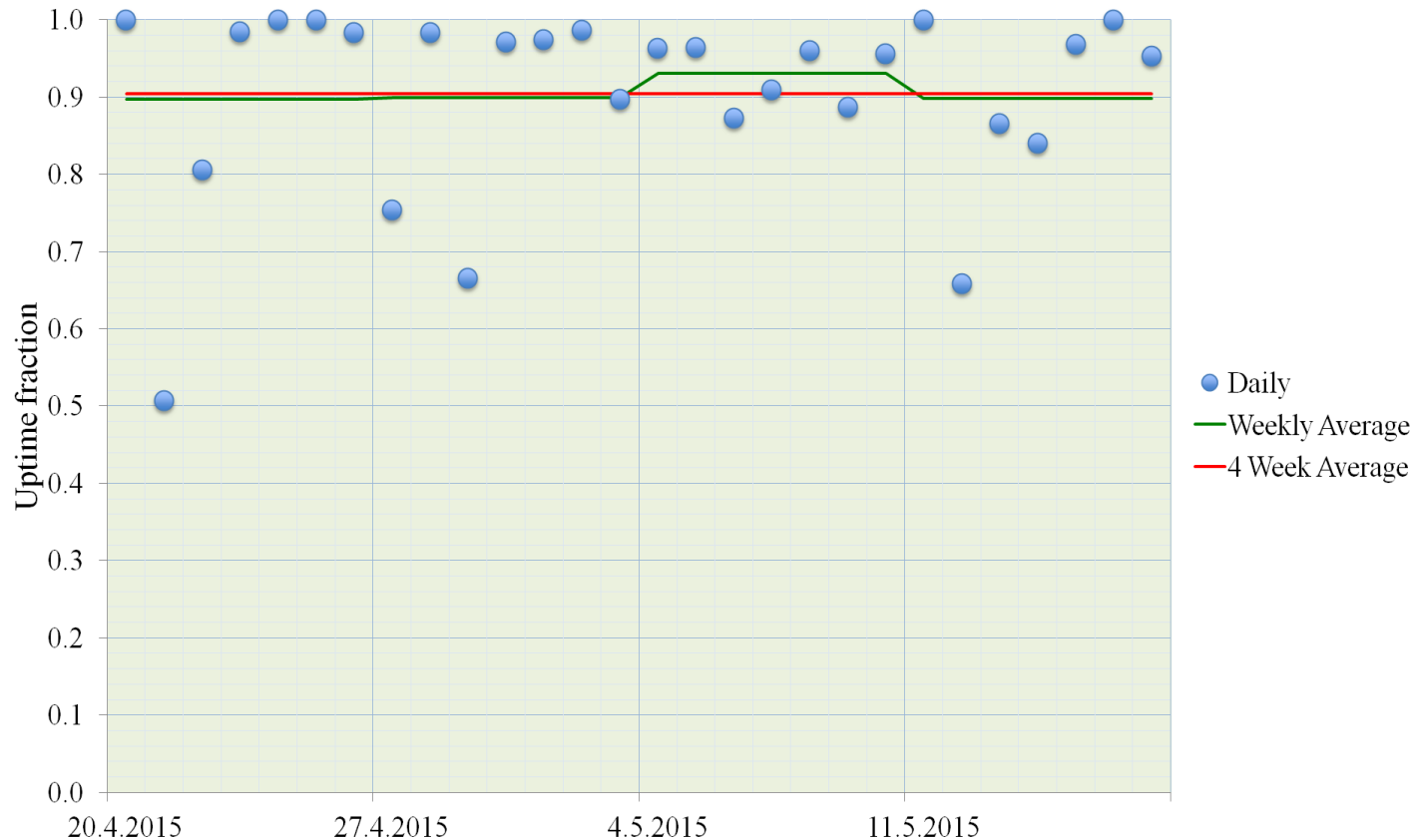
- **Last week running uptime efficiency was *only* 90.0%, in total of 17 hours down.**
- **Most of them (13h) when beam down and other 2 hours during low beam intensity.**
- **Beam lost only during 2 hours (excluding the power glitch last night).**
- **Number of short DAQ crashes significantly went down comparing a week ago.**

FD: POTs delivered/recorded
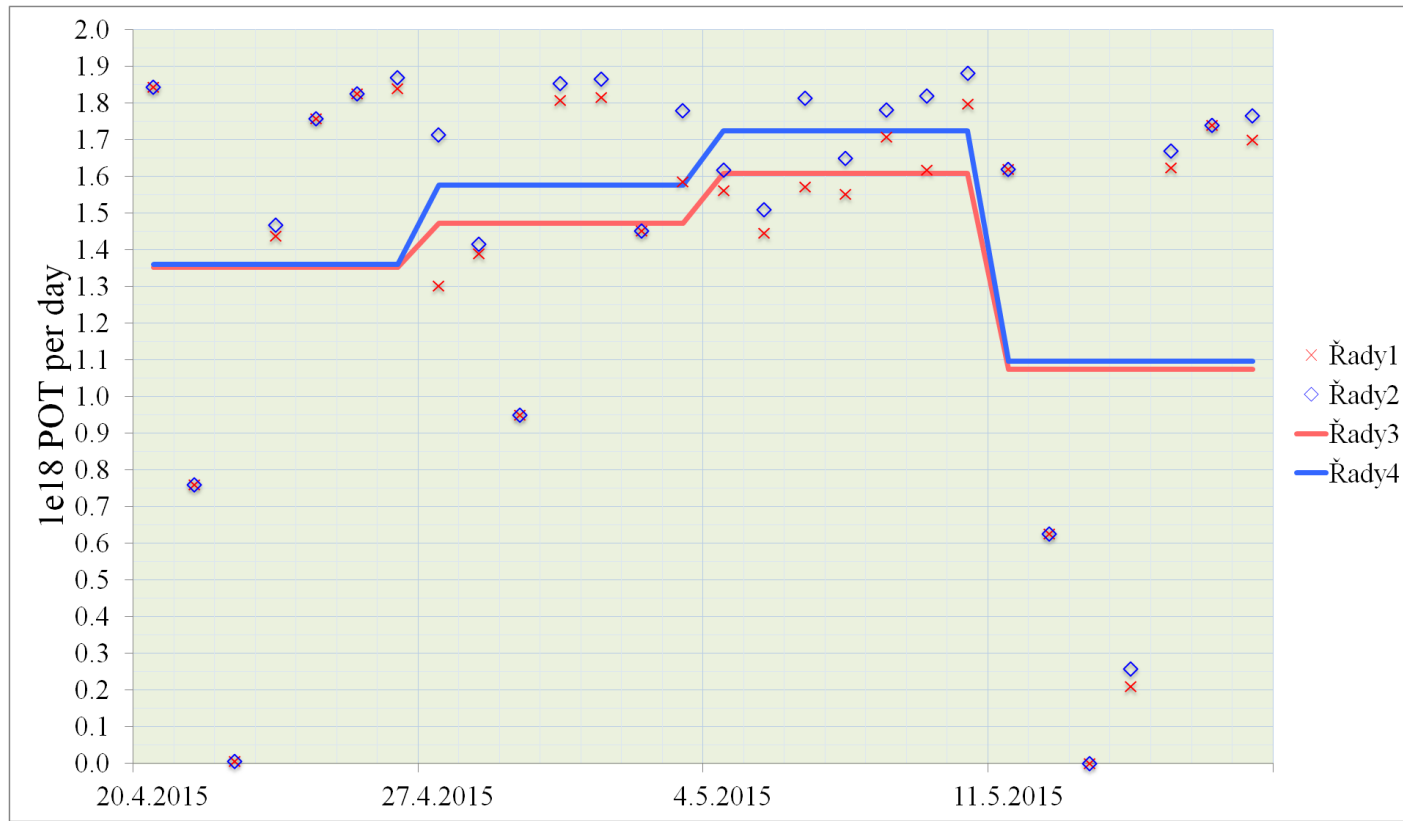
- ➢ **Past week efficiency was good comparing last weeks at 97.9%, (7.51 of 7.68 e18 POTs).**
- ➢ **The absolute values were low due to 2+ day beam absence.**
- ➢ **The power glitch beam lost are not seen in this picture.**

FD: Accumulated POTs
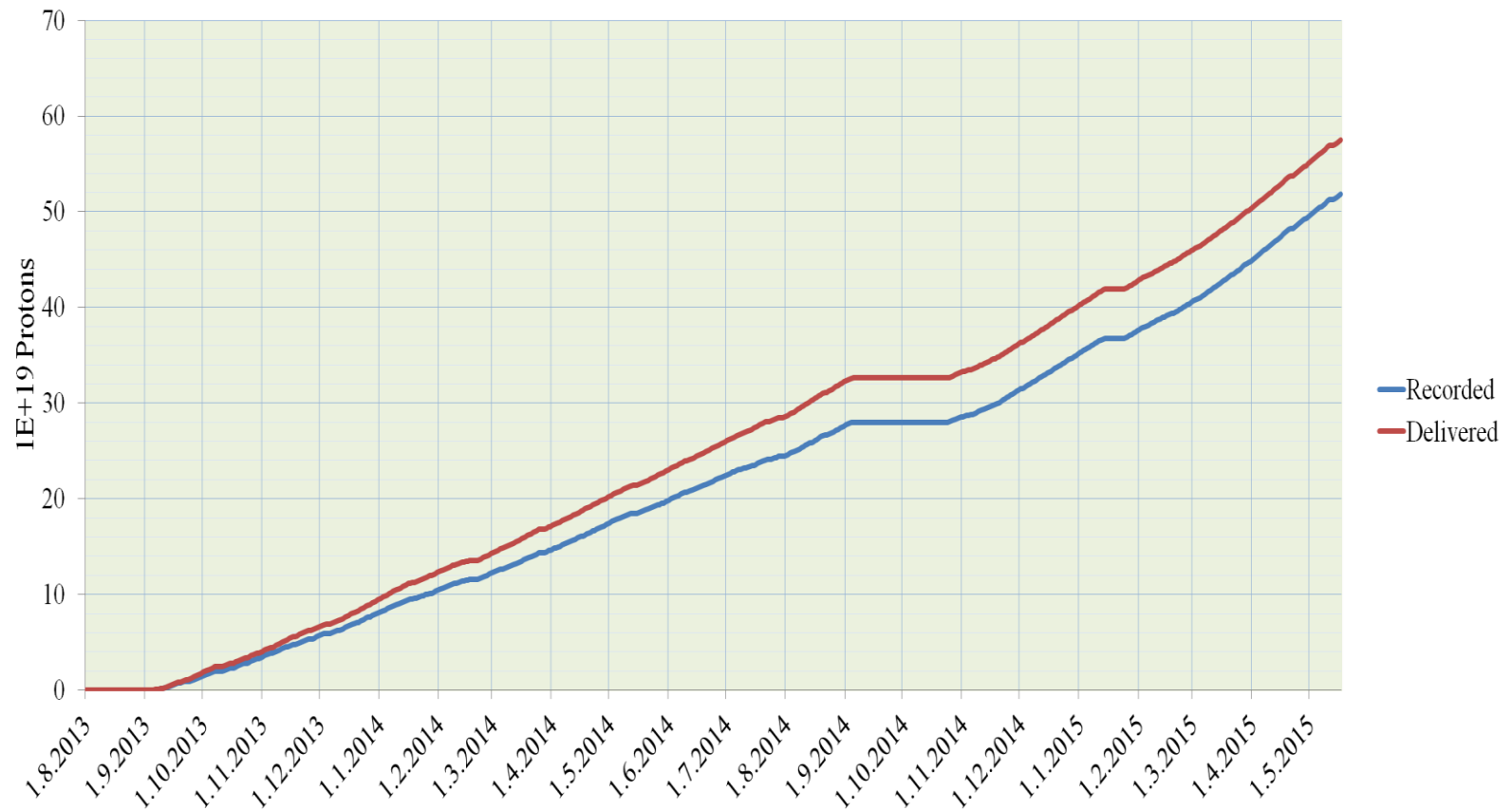
➢ **2013/14: 280/326 e18 POTs (86%) + 2014/15: _238.3_/248.7 e18 POTs (95.8%)** *[205 days]*

Power glitch at Ash River site

- ❑ **<u>FarDet:</u>**
  - *After the week deadline we faced the thunderstorm caused short (in seconds) power outage affected both detector PS and computers.*
  - *Resulted to significant data taking down time, estimated for 15.5 hours, starting Sunday (5/17) evening at about 18:37.*
  - *Power outage recovery usually takes 2-4 hours, depending on the issues encountered with the large DAQ and Detector Controls computing cluster, the custom timing and readout hardware, and the cooling of APDs.*
  - *In this case, the recovery has been prolonged due to the interaction of various technical and procedural issues, predominantly with our timing system.*
  - *The timing system is fully recovered, and we are taking data since 10:30 (after 1 hour running a break needed for the DSO/pedestal scan).*